

CLAY COUNTY: Key Data Points

- Clay county witnessed 3 infant deaths of which 1 is neonatal
- A higher percentage of mother's are delivering preterm babies in Clay county compared to the state of Indiana, 10.6% versus 9.9% respectively.
- The percentage of women smoking during pregnancy is significantly higher than the state percentage, 25.7% versus 18.5% respectively.
- Fewer women are breastfeeding upon discharge in Clay county than the state of Indiana, 58.1% versus 63.2% respectively
- Clay county observed 14 accidental deaths (7 of which were motor vehicle), 5 suicidal deaths and 1 homicidal death

Note: All figures relate to 2004 data from the Indiana State Department of Health, unless otherwise specified

Figure 1: Births

	Total		White		Black		Other	
	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*
Clay County	337	12.4	332	12.4	2	12.0(U)	3	9.7(U)
INDIANA	87,125	14.0	75,680	13.7	9,582	17.5	1,863	11.7

* births per 1,000 population; U = unstable rate, based on fewer than 20 births

Figure 2: Infant Mortality

		NUMBER				RATE*		
COUNTY OF RESIDENCE	REPORTED RACE/ ETHNICITY	Live Births	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)
CLAY	All Races	337	3	2	1	**	**	**
	White	332	3	2	1	**	**	**
	Black	2	0	0	0	0.0	0.0	0.0
	Other	3	0	0	0	0.0	0.0	0.0
	Hispanic	1	0	0	0	0.0	0.0	0.0
INDIANA	All Races	87,125	702	472	230	8.1	5.4	2.6
	White	75,680	522	354	168	6.9	4.7	2.2
	Black	9,582	164	105	59	17.1	11.0	6.2
	Other	1,863	16	13	3	**	**	**
	Hispanic	7,237	65	50	15	9.0	6.9	**

*rate per 1,000 live births **Numerator is less than 20 and the rate is unstable

Figure 3: Outcome Indicators of Mother, by Race

		Birth Weight				During Pregnancy		
CLAY COUNTY	Total Births	% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	% Unmarried Parents
White	332	7.2	1.8	7.8	83.7	0.3	25.9	37.3
Black	2	**	**	**	**	**	**	**
All Races	337	7.1	1.8	7.7	83.4	0.3	25.8(S)	37.3

		Birth Weight				During Pregnancy		
INDIANA	Total Births	% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	% Unmarried Parents
All Races	87,125	8.1	1.5	10.2	79.3	0.6	18.0	38.8
White	75,680	7.4	1.3	9.9	80.8	0.6	18.8	34.4
Black	9,582	13.7	3.0	13.9	67.1	0.9	14.4	77.9

† Preterm: less than 37 weeks gestation

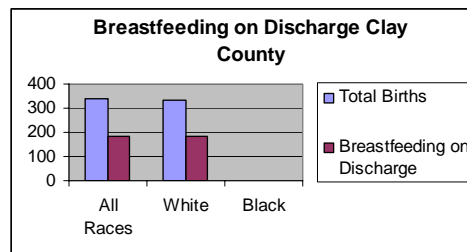
‡ PNC: Prenatal Care

'S' Significantly different than the state percent

(***) Outcomes for this county are suppressed due to 20 or fewer total births

Figure 4: Breastfeeding

CLAY COUNTY	All Races	White	Black
Total Births	337	332	2
Breastfeeding on Discharge	185	182	2
% Breastfeeding on Discharge	54.9	54.8	100.0



INDIANA	All Races	White	Black
Total Births	87,125	75,680	9,582
Breastfeeding on Discharge	55,556	49,825	4,269
% Breastfeeding on Discharge	63.8	65.8	44.6

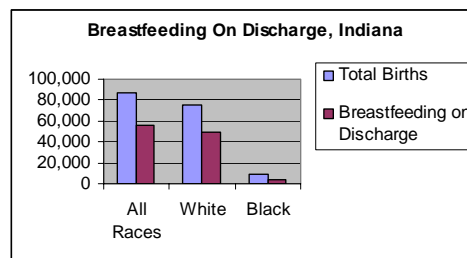


Figure 5: HIV/AIDS

	Total # of AIDS cases reported since 1982	Total # of HIV cases reported since 1985
CLAY COUNTY	15	7
INDIANA	7,989	3,945

*numbers current through June 2006

Figure 6: Nutritional Risk Factors by Status,
Indiana WIC Clinics, Quarter Ending 09/30/2004

Local Agency: Clay County Health Department Counties Included: Clay							
Risk Factor or Status	Children 1-5 years of Age					Total	% within Agency
	White	Black	Hispanic	Asian	Other		
Overweight	22	0	0	0	1	23	4.0 %
At Risk for becoming Overweight	29	1	0	0	0	30	5.3%
Local Agency: State Wide Counties Included: All							
Risk Factor or Status	Children 1-5 years of Age					Total	% within Agency
	White	Black	Hispanic	Asian	Other		
Overweight	1,732	445	800	12	97	3,086	4.8%
At Risk for becoming Overweight	2,023	485	639	11	124	3,282	5.1%

Priority Benchmarks (Clay & Indiana)			
Demographics: Percentage of population enrolled in Medicaid, Percentage of population enrolled in Food Stamps.		Clay	Indiana
1	% of Population enrolled in Medicaid as of June 2003	14.3	12.4
2	% of Population in Food Stamps Program, 2005	9.4	9.0
Priority #1 (pregnancy outcomes): Average Infant Mortality Rate, Average Fetal death Rate		Clay	Indiana
1	Av Total Infant Death Rate (1995-2004)	7.0	7.9
2	Average Fetal Death Rate (1995-2004)	7.8	6.6
Priority #2 (reduce barriers): Health Professional Shortage Areas, Percentage of women with prenatal care in first trimester		Clay	Indiana
1	Scores for Primary Care Health Professional Shortage Areas (HPSAs) (2006)	5	NA
2	% PNC 1st Trimester†, 2004	83.4	79.3
Priority #4 (environmental): Prevalence of asthma, Childhood lead poisoning		Clay	Indiana
1	Prevalence of Asthma in a Medicaid Cohort of Children age 0-17 years, 2003	12	10.4
2	% Estimated Lead Blood Levels (%EBLL) for Children under 6 years old FY 2005-2006	2.42	2.42
Priority #5 (tobacco): Percentage of mothers who smoked during pregnancy, Percentage of Adult Smoking		Clay	Indiana
1	% of mothers Smoked During Pregnancy, 2004	25.8	18.0
2	% of Adult Smoking in 2003	30.5	29.3
Priority #7 (adolescent risk behaviors): Adolescent deaths due to motor vehicle accidents, Chlamydia rates (ages 15-24).		Clay	Indiana
1	Number of Adolescent (15-24) deaths due to Motor vehicle accidents (2002-2004)	7	771
2	Chlamydia rates per 100,000 county specific population (15-24yrs of Age)	576.28	1602.35
Priority #8 (obesity): Obesity in pregnant women		Clay	Indiana
1	Number of Obese Pregnant Women In Indiana, 2004	14	2,827
Priority #9 (domestic violence, childhood injury): Child deaths due to Injury, Child abuse and neglect rates		Clay	Indiana
1	Child deaths due to Injury 1-14yrs (2002-2004)	1	279
2	Child Abuse and Neglect per 1,000 Population under age 18, 2004	11.3	13.5
Priority #10 (To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes): Percentage of Hispanic Population of any Race, LBW Disparity Ratio		Clay	Indiana
1	% of Hispanic Population of any Race, 2005	0.7	4.5
2	Low Birth Weight Disparity Ratio (B/W) (1995-2004)	NS	1.88

Source: Data Analysis Team, ISDH; Health Resources and Service Administration; Indiana Prevention Resource Center; Data analysis team, Office of Medicaid Policy & Planning. Notes: 1. NS= Not Stable 2. NA = Not Available 3. Infant Mortality rate and Fetal Death rate is for 1000 live births. 4. Low Birth Weight: Birth Weight Less than 2,500grams. 5. HPSA Score ranges 1 – 25. The higher the score, the higher the need. 6. EBLL: Ten (10) micrograms of lead per deciliter of whole blood for one venous test; %EBLL is based on screening rate of 27% Statewide, unduplicated kids 7. Obesity in Pregnant Women determined by "Concurrent Illness Obesity" checkbox on the birth certificate 8. PNC percentages are calculated using total births in each County.

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